

III

8 37  
72 67  
82 34  
82 17  
82 17

total 74 31  
8 37  
80 25  
11

Rio Branco

Rio Negro

Haut Maragnon

Amazona

Laguna

Panama et San de la Mesa  
du Sud, Cotes de Chile  
~~du Nord~~

frontiere portugaise  
Amazona

Cotes de l'Equateur  
Gr. Hall

74 119  
2 20 5  
76 24 24  
77 50 54  
77 51 23

For  
the  
purpose

of  
the  
same  
kind  
as  
the  
above  
mentioned  
one

1871  
1872  
1873  
1874  
1875







Nico Negro Septiens Discuties

Nome da Serra	Lat.	Longitudes
Vila do Rio Negro ou Forte da Barra	3° 9'	62° 24'
Trilha do Rio Branco.	1. 20.	64 21
Darciles.	* 0. 58'	65 18
Moura	* 1° 26' 45.	64. 6'
Carvoeiro	* 1. 23 37.	64. 26.
Poyares	* 1. 7. 8	64. 20.

Rio Tazuma

<del>Pet. gr. in the</del>	<del>0. 40. 50</del>	<del>70. 75</del>
<del>A. lignea</del>		
S. Antonio	* 1. 46. 50	7. 40
Marapi		
Donche in C. *	1. 14. 5	71. 45
A. piperis		
Tobacco	* 1. 18.	

Catara et  
de l'Anapouris 5 54.

day 3 cataracts  
down the canyon

a) Salto grande, la plus orientale  $0^{\circ} 40'$  —  $74^{\circ} 30'$

6) 1/2 corde  
au delfin 2.  
6 corde  
Engin 07.

c/Tronche  
occidentale 0° 30' ~~10° 10'~~ ~~10° 10'~~

Nio Engaños bouche  $0^{\circ} 38' - 74^{\circ} 40'$

a) Cataracta infer. 0° 12' 00" — 75° 8' 00"  
 1) ——— sup. 0° 12' 00" — 75° 8' 00"

of Carter. In May 0° 6' bar — 75 10.  
 " " " 0° 28' bar.

21 Cat. de ...  
cf. Source de p. tabella 8° 25.6.

Station 1000 max. 1000 County  
Cavender in Noble & ...

Olinda a chateau de 1700  
Rua de Trava - Coara 4 67 4 10x  
Phyllog. p. 5. unguiculata

\_\_\_\_\_

4. andique lat. opposita latitudo  
1814 a 32. l. b. confor. a la carte 2.  
Portes de 1787, l'air altere a cause  
du Porc le Village de j. N. N. N.  
les Portes a 62° 28' avec  
les l. b. de la b. m. de j. N. N. N.  
et des autres points de Portes  
jusqu' a Dorcaloy.

*Le Havre 1798  
Fol. 60r - 60v 64 34*

Toutes ces populations  
du Japon au point de  
vue de la population  
sont portugaises et  
sont de la race  
MSS de la race  
Jaquena du  
On 7 les off.  
de l'Etat. et  
long chronom  
1/2e altit  
de 10 1/2e can  
le 2e  
bon de  
Du 1/2e  
(Savoie).

[illegible]

of the Amazones D.

Le crayon s'assai mieux

Progeny of Heracles (Patr. 232)

Dec 1<sup>st</sup> 55. Madras 3 23.

alt 4' 9"  
 gucira 3' 18' 30"  
 1/2 bonche 2.

20	31
20	30
20	30

3 23. 45  
 4 23

illa de Sorba 1. 2.

can resist the

Volm



12

1



1836.

356.

On August 26, 1836, by 73 45 50  
 January 2 259

Lieut Smyth says  
 & Capt. J. B. Knepper  
 at present in the  
 from Smith 1832  
 is better placed in the  
 herons also visible in the  
 at 10 to 15 miles from  
 light under my eyes of  
 the day. In the  
 generally of water. Of  
 abundant and had  
 very many. Call  
 on down on the  
 so after you see this

Coal Creek west by Thompson  
 Fisher says

Loco 3 46	by 70 37 5	3 52	by 72 48
Talbot 4.19	70 17	4.15	69 24
Des Moines	2 43. 67.8	2 40	66 40
Fort Gibson	2 30 65 24	2 35	66 15
Egan	3. 18. 640	2. 18	65.0
Coari	4.1. 62 45	3 55	62 50
Barra	3.8 59 16	3.10	60 0

On August 26, 1836, by 73 45 50  
 January 2 259

2nd Negro Tote  
 on Thompson's Hill  
 High Falls 40 yds high  
 below water  
 in crossing the mill  
 in 15 rods  
 more  
 water falls  
 600 00 76 8 L  
 7 12  
 Columbia  
 Man Point  
 from 2 miles  
 away.

Mr. Vought sent a  
Chevrolet & Harvey, all  
it as I have seen  
it in off. by late  
at your office / under  
the door. in the  
front of the entrance  
from the street. In  
particular 296!

Wag. f. Roy  
bancas ut  
Kaw!

P. Vought  
10 Feb 1911

1st place 2nd place  
branch 5th place  
with a 1000 in all  
Switzerland and F

Carta 100!







Cable Lysimeter Breite der Cardellina Super Soc. T. 5 (1826)  
Part I 7 83 Portland

10/1

10/1. The paper was found in the  
Cabinet, 79 1/2" x 11 1/2" x 1/2"





de









[illegible]

*Agrostoides*

22 24

64 21

8

6. 7. 6.

64. 267

64. 20

[illegible]

*(Handwritten note circled)*  
geb. am 6. April 1890 in G., 37

Peters' Dorn am ...  
Vergleichen mit  
Parzellen nachst.  
 $\frac{1}{2} \times 1 = 3$  u. 3; cap  
Verfahren ist der da  
Dorne zu 1 nord  
jungere hängen

*(Faint handwritten notes, mostly illegible)*

af. des Amazonas

Je crains j'aurai oublié  
celles des Guianes -).

Amazonas offenses (Pato. x 3)

cf. Amazona D.

la Cour - abbe  
une de la bon  
che de St. Trézor  
pour le reste l'an  
composé le dest.  
de l'ingénieur de.

See account of same on other  
letter to the University -  
There are only 4 species (Pete. x 32)

Padre 1<sup>a</sup> 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 8

Coari 4<sup>h</sup> 9<sup>1</sup>  
3<sup>h</sup> 18' 30"


20 31'  
 20 30

Forti 60a 2 30  
Du 1 Madeira

3. 23. 19  
Borba 4. 23.

I can't help but say

Notre



continuation du ...  
 ... pour ...  
 ... montagnes ...  
 ... Guaviare ...  
 ... Sud est - Nord Ouest

en l'alt. de ...  
 la ... de ...  
 2. ... de ...  
 3. ... de ...  
 2. ... de ...  
 1. ... de ...

Localité	Latitude	Longitude	Notes
Caguan village	2. 50 in	76° 45'	****
border of Caguan	0° 20' 00"	75° 45'	****
Continent du ... Fragua avec le ... sur la place ...	0. +86	76° 25'	****
Mocca ...	1° 18' 6"	78° 25'	****
Teja	1° 40' 6"	78. 12	****
Timana	1° 58' 6"	78. 12.	****
Source du ...	2° 11. 0	78. 49.	****
... del ...	1° 56' 6"	78 46'	****
... Benday	1° 15. 6	79° 20.	****
... de ...	1° 13. 6.	79° 41.	****
Papto	...	...	****

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Jan 1<sup>st</sup> 21 11:50  
50 47 50  
Jan 7 11:50  
Jan 10 11:50  
870



\_\_\_\_\_

\_\_\_\_\_

71  
Jug. Light in 12° S  
H. Trinité in Cartage  
suspense in interview  
not in the (other?)  
in Suisse Française 1627  
(Belgium)

also in Carloty the high  
with 2 Louis de Maron  
Lam - (by Orange) 280!  
11 place Belle Vierge.

if Joubert 50° 45'  
with general 50° 55' (the 2nd)  
with 50° 55' (the 2nd)

de. Carabian.









Point de vue

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(x)  $\frac{1}{\sqrt{x}}$  =  $x^{-1/2}$

к р - 3 46

2. 2.40  
 1 3 34

2.50  
 4.00

1. 1000 1000 2 50  
 2. 1000 1000 2 50  
 3. 1000 1000 2 50

*very rare*      *low*

*✓ 20-2'*      *Inc Ego to 4*

*0 3. 46*      *per Mayo 70 42*

6. 5. 1ca 73 21.

6 May

*[Faint handwritten notes, possibly bleed-through from the reverse side.]*

800 200 100 50 25 10 5 2 1 1/2 1/4 1/8 1/16 1/32 1/64 1/128 1/256 1/512 1/1024 1/2048 1/4096 1/8192 1/16384 1/32768 1/65536 1/131072 1/262144 1/524288 1/1048576 1/2097152 1/4194304 1/8388608 1/16777216 1/33554432 1/67108864 1/134217728 1/268435456 1/536870912 1/1073741824 1/2147483648 1/4294967296 1/8589934592 1/17179869184 1/34359738368 1/68719476736 1/137438953472 1/274877906944 1/549755813888 1/1099511627776 1/2199023255552 1/4398046511104 1/8796093022208 1/17592186044416 1/35184372088832 1/70368744177664 1/140737488355328 1/281474976710656 1/562949953421312 1/1125899906842624 1/2251799813685248 1/4503599627370496 1/9007199254740992 1/18014398509481984 1/36028797018963968 1/72057594037927936 1/144115188075855872 1/288230376151711744 1/576460752303423488 1/1152921504606846976 1/2305843009213693952 1/4611686018427387904 1/9223372036854775808 1/18446744073709551616 1/36893488147419103232 1/73786976294838206464 1/147573952589676412928 1/295147905179352825856 1/590295810358705651712 1/1180591620717411303424 1/2361183241434822606848 1/4722366482869645213696 1/9444732965739290427392 1/18889465931478580854784 1/37778931862957161709568 1/75557863725914323419136 1/151115727451828646838272 1/302231454903657293676544 1/604462909807314587353088 1/1208925819614629174706176 1/2417851639229258349412352 1/4835703278458516698824704 1/9671406556917033397649408 1/19342813113834066795298816 1/38685626227668133590597632 1/77371252455336267181195264 1/154742504910672534362390528 1/309485009821345068724781056 1/618970019642690137449562112 1/1237940039285380274899124224 1/2475880078570760549798248448 1/4951760157141521099596496896 1/9903520314283042199192993792 1/19807040628566084398385987584 1/39614081257132168796771975168 1/79228162514264337593543950336 1/158456325028528675187087900672 1/316912650057057350374175801344 1/633825300114114700748351602688 1/1267650600228229401496703205376 1/2535301200456458802993406410752 1/5070602400912917605986812821504 1/10141204801825835211973625643008 1/20282409603651670423947251286016 1/40564819207303340847894502572032 1/81129638414606681695789005144064 1/162259276829213363391578010288128 1/324518553658426726783156020576256 1/649037107316853453566312041152512 1/1298074214633706907132624082305024 1/2596148429267413814265248164610048 1/5192296858534827628530496329220096 1/10384593717069655257060992658440192 1/20769187434139310514121985316880384 1/41538374868278621028243970633760768 1/83076749736557242056487941267521536 1/166153499473114484112975882535043072 1/332306998946228968225951765070086144 1/664613997892457936451903530140172288 1/1329227995784915872903807060280344576 1/2658455991569831745807614120560689152 1/5316911983139663491615228241121378304 1/10633823966279326983230456482242756608 1/21267647932558653966460912964485513216 1/42535295865117307932921825928971026432 1/85070591730234615865843651857942052864 1/170141183460469231731687303715884105728 1/340282366920938463463374607431768211456 1/680564733841876926926749214863536422912 1/1361129467683753853853498429727072845824 1/2722258935367507707706996859454145691648 1/5444517870735015415413993718908291383296 1/10889035741470030830827987437816582766592 1/21778071482940061661655974875633165533184 1/43556142965880123323311949751266331066368 1/87112285931760246646623899502532662132736 1/174224571863520493293247799005065324265472 1/348449143727040986586495598010130648530944 1/696898287454081973172991196020261297061888 1/1393796574908163946345982392040522594123776 1/2787593149816327892691964784081045188247552 1/5575186299632655785383929568162090376495104 1/11150372599265311570767859136324180752990208 1/22300745198530623141535718272648361505980416 1/44601490397061246283071436545296723011960832 1/89202980794122492566142873090593446023921664 1/178405961588244985132285746181186892047843328 1/356811923176489970264571492362373784095686656 1/713623846352979940529142984724747568191373312 1/1427247692705959881058285969449495136382746624 1/2854495385411919762116571938898990272765493248 1/5708990770823839524233143877797980545530986496 1/11417981541647679048466287755595





34. 15

Don en entre - 1415  
Cata supratela Dos Capeta  
nas do Grao Para  
o Rio Negro

Para 329 20

6. b. m. da Lingua 326° 0.

Sanctum ou b. m.  
 de Topogor 323° 0.

Ovidos 322° 0.

4 b. m. à l'oc. b. m.  
 du Don Capet. general  
 b. m. diriger du Don V.  
 entre 327 1/2

Fut du Don Negro 318° 40  
 Ega 314° 50.

6. du 1. in soure xim ipche du  
Caguet a ou Tupara  
sic 1/1 et via

6. du 1. in soure xim ipche du  
Caguet a ou Tupara  
sic 1/1 et via  
 312° 40  
 312° 0  
 310° 52'

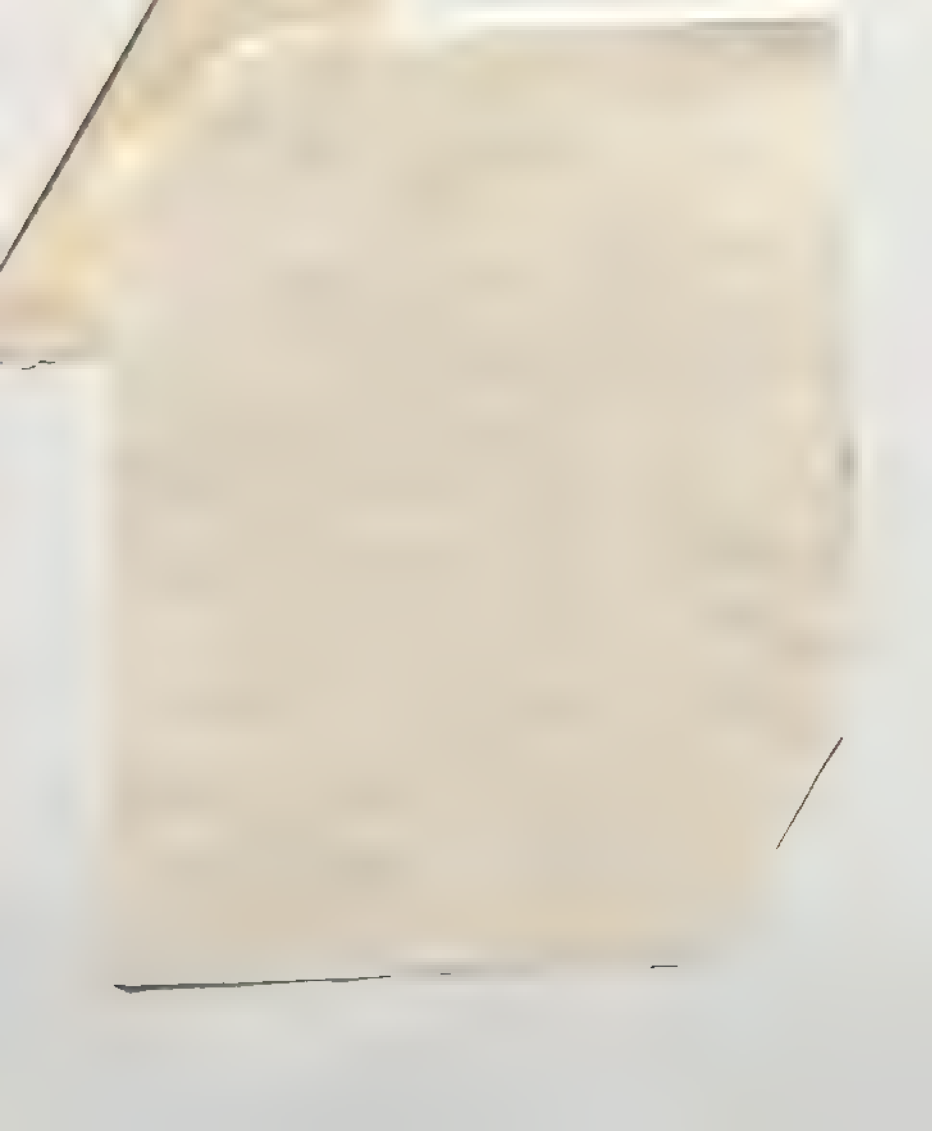
6. du 1. in soure xim ipche du  
Caguet a ou Tupara  
sic 1/1 et via

6. du 1. in soure xim ipche du  
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sic 1/1 et via

6. du 1. in soure xim ipche du  
Caguet a ou Tupara  
sic 1/1 et via

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Caguet a ou Tupara  
sic 1/1 et via

6. du 1. in soure xim ipche du  
Caguet a ou Tupara  
sic 1/1 et via





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Notes trouvées sur cette carte dans le bas

- 1) les gélations entre Para et Cuzco
- 2) les cotes de mer du sud entre les Tigua et Lanuma
- 3) Voyage de Quito à l'Amazona par Tuzunga, Cuzco

J. ~~Quito~~ <sup>Quito</sup> 1° 42' 81.9 81° 43'

Cuzco 2° 55' 81.20'  
Aussi 2° 12' 81.20'  
de passage par  
digue par une route à l'ouest et Cuzco  
montagne 2° 55' 81.33.  
Cuzco 2° 55' 81.33.

Quito 81° 4' 38"

contingents de ces routes  
avec les routes de la mer du sud  
est élevée et que l'on a  
cette de la montagne

Quito 3.273 4.  
Amazona 54.375 5.  
Puyay 2.266 79.0.  
Digne 3.556 78.42.  
Cathago 4.456 78.26.  
Boyer 4.276 77.40.

Chimborazo 1° 28' 81° 23'  
Cayambe 0° 0' 80° 28'  
Antisana 0° 30' 80° 43'  
Cotacachi 0° 41' 80° 59'  
Sangay 0° 50' 80° 50'  
Tigua 2° 27' 81° 23'

Quito 4° 0' 81° 43'.  
Cuzco 4° 0' 81° 43'.  
Amazona 4° 37' 82° 1'.  
Guamabamba 5° 14' 81° 43'.  
S. Felipe capitale de P. 5° 46' 81° 50'.  
Embouchure du Chamayo dans l'Amazona 5° 47' 81° 8'.  
Tuzunga 5° 31' 80° 56'.  
Montan 5° 33' 81° 10'.  
Macujanga 6° 44' 80° 53'.  
Cuzco 7° 48' 80° 55'.  
Tigua 8° 53' 81° 23'.  
Santa 8° 59' 80° 57'.

Tigua est une ville  
de l'Amazona et de l'Amazona  
de l'Amazona et de l'Amazona

Quito 81° 4' 38"  
Amazona 81° 4' 38"  
Puyay 81° 4' 38"  
Digne 81° 4' 38"  
Cathago 81° 4' 38"  
Boyer 81° 4' 38"

F.   
Quito 1° 28' 81° 23'  
Cuzco 2° 55' 81° 33'  
Amazona 4° 37' 82° 1'  
Guamabamba 5° 14' 81° 43'  
S. Felipe capitale de P. 5° 46' 81° 50'  
Embouchure du Chamayo dans l'Amazona 5° 47' 81° 8'  
Tuzunga 5° 31' 80° 56'  
Montan 5° 33' 81° 10'  
Macujanga 6° 44' 80° 53'  
Cuzco 7° 48' 80° 55'  
Tigua 8° 53' 81° 23'  
Santa 8° 59' 80° 57'

H.   
Quito 1° 28' 81° 23'  
Cuzco 2° 55' 81° 33'  
Amazona 4° 37' 82° 1'  
Guamabamba 5° 14' 81° 43'  
S. Felipe capitale de P. 5° 46' 81° 50'  
Embouchure du Chamayo dans l'Amazona 5° 47' 81° 8'  
Tuzunga 5° 31' 80° 56'  
Montan 5° 33' 81° 10'  
Macujanga 6° 44' 80° 53'  
Cuzco 7° 48' 80° 55'  
Tigua 8° 53' 81° 23'  
Santa 8° 59' 80° 57'

H.   
Quito 1° 28' 81° 23'  
Cuzco 2° 55' 81° 33'  
Amazona 4° 37' 82° 1'  
Guamabamba 5° 14' 81° 43'  
S. Felipe capitale de P. 5° 46' 81° 50'  
Embouchure du Chamayo dans l'Amazona 5° 47' 81° 8'  
Tuzunga 5° 31' 80° 56'  
Montan 5° 33' 81° 10'  
Macujanga 6° 44' 80° 53'  
Cuzco 7° 48' 80° 55'  
Tigua 8° 53' 81° 23'  
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Embouchure du Chamayo dans l'Amazona 5° 47' 81° 8'  
Tuzunga 5° 31' 80° 56'  
Montan 5° 33' 81° 10'  
Macujanga 6° 44' 80° 53'  
Cuzco 7° 48' 80° 55'  
Tigua 8° 53' 81° 23'  
Santa 8° 59' 80° 57'

Station

Udhar

Acqui

200

at

T.S. L

(835)

90-101<sup>th</sup>

from 1st

to

at 100

at 100

at 100

at 100

at 100

at 100





# Waters Parameter

Jan 1st - 1928 - 127  
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 Mar 29th - 1928 - 127  
 Mar 30th - 1928 - 127  
 Mar 31st - 1928 - 127



Callao - Enayagua  
 Latitude in diff. - or from.  $2^{\circ} 39' 52''$   
 Enayagua from. # I p 56

of latitude I p 148. 150.  

$$\begin{array}{r} 70\ 47 \\ 9\ 73\ 32 \\ \hline 2\ 45 \end{array} \dots\dots 2^{\circ} 45.0$$

from lat. of Enayagua. Alt. I  

$$\begin{array}{r} 982\ 18. \\ 79\ 34 \\ \hline 2\ 44 \end{array} \dots\dots 2^{\circ} 44.0$$

of lat. 5-79 39  

$$\begin{array}{r} 77\ 6 \\ \hline 2\ 33 \end{array} \dots\dots 2^{\circ} 33.0$$

to Callao 5- 2100000000.  
 Valparaiso Enayagua  

$$\begin{array}{r} 73^{\circ} 48' 30'' \\ \hline 73^{\circ} 58' 30'' \end{array} \dots\dots 1000000000$$
  
 Con. in Enayagua 73° 58' 30". Enayagua

1. Lane at valley  
 mi 3° 3' 14'  
 Hall 3 8' 25'  
 Lyons 3 17' 0

71 21  
 70 17  
 1 18

Ref. Hall

Vidua \* lat 33.1' 48"  
by 71° 01' 5"

1/2 Mocha 38.19 13.  
by 72. 46 17

bay 2.  
Talcabana 36.42 52  
by 72.59 33

Cogumbel bay 29.56 39  
by 71 15. 56.

Guasco 28.27 0.  
by 71.9 5

Copio bay 27.19 0  
70.50 41

Arica 18.28 35  
by 70.55 13.16

Hill of Eten lat 6.56.0' 27.45.56  
Callao \* 12.0 45 77 610

~~Payson 6.46 13.16~~  
by 70.55 13.16

1. St. Clara 3.13 42  
by 80.14 35

Guayaquil 2.12.12  
by 79.39 46.

Acapulco 99 50. 47  
by 79.39 46.

-3' 5' 50"

-3' 5' 50"

-3' 5' 50"

-3' 5' 50"

20° 20' 15" S

20° 20' 15" S

20° 20' 15" S

see ground table in sketch. See also river at the same place

La Clara mini 82° 3' 49

Hall 82 34 48

Depth to lat 82. 35

Lat 148 6 47 7  
I 148 6 47 7  
82. 35

Hall 82° 00'

Hall 82° 00'

Hall 82° 00'

Hall 82° 00'

Hall 82° 00'

Hall 82° 00'

Hall 82° 00'

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Hall 82° 00'

Hall 82° 00'

see notes on Mocha - minutes

see notes on Mocha - minutes

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see notes on Mocha - minutes

see notes on Mocha - minutes

see notes on Mocha - minutes

see notes on Mocha - minutes

see notes on Mocha - minutes

see notes on Mocha - minutes

see notes on Mocha - minutes

Salina	79° 34'	at	79° 38'	4'
Isla de Clara	82° 35'	at	82° 37'	2'
Villa de Guayaquil	82° 12'	at	82° 15'	(2) 3'
Acapulco	102° .0	at	102° 14'	4'
Campana	66° 28'	at	66° 30'	
Mesa de Carabona	66° 57'	at	67° 4'	
Guayaquil	69° 28'	at	69° 22'	1'
Coracao	59° 14'	at	70° 28'	6'
Portocabello	70° 25'	at		



Sp Comments 20<sup>24</sup>32  
5 105 42 26  
6 2 Plus 105.18.27  
Vol II 32.24  
\* calculation.

not far from the ...  
 ...  
 ... 87° 37' 44"

Freezing with frost  
82° 00' 82° 00'

*Chloris*  
cont. Dried  
 $3^{\circ} 14'$

<del>Ma</del>	<del>Clara</del>	uni	82°	37	49
Ma	Clara	—	82	37	48
			82	35	"
			82	35	"

1486  
 74 27  
 5 27  
 82 54

the <sup>new</sup> deposit Hall 82° 00'

Friday 11th 82.00°  
 Hall 1: 10.00°  
 Hall 2: 10.00°  
 Hall 3: 10.00°

\* 24th June  
8.4 am 30'  
" 11.0 " 30'  
" 12.0 " 30'  
" 1.0 " 30'  
" 2.0 " 30'  
" 3.0 " 30'  
" 4.0 " 30'  
" 5.0 " 30'  
" 6.0 " 30'  
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" 9.0 " 30'  
" 10.0 " 30'  
" 11.0 " 30'  
" 12.0 " 30'

(Vis am  
Mesa N 38.)

[illegible]

*[Handwritten notes:]*

Le crissal affr. 200 velle d.  
Mente et Guayagut n. st  
Mente 82° 15'  
que / de la ville de Halle et  
[Differ.] 2e l' [de] Halle et  
la 12" en un an sur le pays.

[illegible]

2007  
1-31 S Clara  
8-11 Allen  
11-14 Tanager  
18-21 Mangrove

20 20' 15 S.

~~82-27-47~~  
~~25~~  
~~42-2-47~~

Verbesina

bei einer  
 der Vervielfachung  
 nach dem  
 nach einer  
 nach - 1  
 die Zahlen  
 nach

11' en arc de long  
 de celles publiées  
 par Fragata  
 du la Cabotage  
 No. 177 de 1904

lat	américain	lat	européen	diff.
Salinas	79° 34'	79° 38'	4'	
San Pedro de Macoris	82° 35'	82° 37'	2'	
Villa de Guayaquil	82° 12'	82° 15'	(2) 3'	
Atenas	102° 10'	102° 14'	4'	
Campana	66° 28'	66° 30'		
Nova Barcelona	66° 57'	67° 4'		
Guayra	69° 25'	69° 26'		
Caracas	69° 14'	69° 22'		
Porto Cabello	70° 25'	70° 28'		

Ref. Hall

V. L. L. \* 15 13.1' 48" 11  
by 71. 31' 5

9. V. L. L. 38 19. 13.  
by 73. 46 17

bay 2.

Tal. L. L. 36 42 52  
by 72 59 22

Cogumulo bay 29. 56 29  
by 71 15. 56.

Guarico 28 27 0.  
by 71. 9 5

Copico bay 27. 19 0.  
70 50 41

Arica 18 28 35  
by 70 53 13' 16

At. of Eten bay 6. 56 10 3 79. 45. 3  
Callao 12 3 45 77 6 10

~~Payson 6. 45 77 6 10~~  
by 79 45. 5.

1. St. Clara 3. 13 42  
by 86. 14 25

Guaymas 2. 12' 12"  
by 79 29 46.

Kearles 99. 50. 47  
Terry

3. 5 Clara

Callao

Kearles

Op. Corvato 20° 24' 32"  
 4 105 42 26  
 7 96° 105.18.27  
 1 on 45 21 32.24  
 74 II 1079  
 \* Acute down.

met par jours l'altitude des rivières

Guayaquil ville Hall 82° 00'

Clara Hall 82° 00'

Clara Hall 82° 37' 49"

Clara Hall 82° 37' 48"

Clara Hall 82° 35'

Clara Hall 82° 00'

Clara Hall 82° 00'

Clara Hall 82° 00'

Clara Hall 82° 00'

Clara Hall 82° 00'

Clara Hall 82° 15'

Clara Hall 82° 15'

Clara Hall 82° 15'

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Clara Hall 82° 15'

Clara Hall 82° 15'

Clara Hall 82° 15'

Clara Hall 82° 15'

Clara Hall 82° 15'

Clara Hall 82° 15'

Clara	82° 34'	at	79° 38'	1
Clara	82° 35'	at	82° 37'	2
Clara	82° 12'	at	82° 15'	(2) 3
Clara	102° 0'	at	102° 14'	4
Clara	66° 28'	at	66° 30'	
Clara	66° 57'	at	67° 4'	
Clara	69° 25'	at	69° 26'	
Clara	69° 14'	at	69° 22'	
Clara	70° 25'	at	70° 28'	6

Clara Hall 82° 15'

Long. 2. Long. 2.

Volgarite 71° 31' 0" 73 51 15 *Lipnitsa* Feb 28. 1962 Sun Lat 74° 0' 37."

[illegible][illegible]



R

~~Cate Quinto~~

21101  
Mach

*Faint handwritten notes at the bottom of the page, possibly bleed-through from the reverse side.*

[illegible]

Nov Fig  
Lambiva

Amazone de l'Etat

*[Faint handwritten notes]*

à la suite des autres villages

[illegible][illegible]

A hand-drawn map of the Itaguey region in Sicily. The map is enclosed in an irregular oval border. At the top, the word "Sic:" is written. In the center, "Itaguey" is written with a small sketch of a building or fort below it. To the right of Itaguey, "A. Niguel" is written. Below Itaguey, "Liquit" is written. At the bottom, "Imagie" is written. There are several small circles and dots scattered around the central area, possibly representing settlements or landmarks. A horizontal line runs across the middle of the map, below Itaguey.

Hand-drawn map of the Tabatinga area. The map shows a river labeled "R. Javari" flowing from the bottom left towards the center. A road or path is labeled "V.S. Guadalupe". A small circle is labeled "Tabatinga at 4000". Another circle is labeled "Vila de Javari". A rectangular box on the right contains the letters "PP". Above the map, there is a north arrow pointing upwards. To the right of the north arrow, there is handwritten text: "L 4 = 3° 45' latitude", "de long. 2.5 on", and "entre 2.5 on".

PP

R


~~2nd~~ ~~1st~~ ~~2nd~~ ~~3rd~~ ~~4th~~ ~~5th~~ ~~6th~~ ~~7th~~ ~~8th~~ ~~9th~~ ~~10th~~ ~~11th~~ ~~12th~~ ~~13th~~ ~~14th~~ ~~15th~~ ~~16th~~ ~~17th~~ ~~18th~~ ~~19th~~ ~~20th~~ ~~21st~~ ~~22nd~~ ~~23rd~~ ~~24th~~ ~~25th~~ ~~26th~~ ~~27th~~ ~~28th~~ ~~29th~~ ~~30th~~ ~~31st~~ ~~32nd~~ ~~33rd~~ ~~34th~~ ~~35th~~ ~~36th~~ ~~37th~~ ~~38th~~ ~~39th~~ ~~40th~~ ~~41st~~ ~~42nd~~ ~~43rd~~ ~~44th~~ ~~45th~~ ~~46th~~ ~~47th~~ ~~48th~~ ~~49th~~ ~~50th~~ ~~51st~~ ~~52nd~~ ~~53rd~~ ~~54th~~ ~~55th~~ ~~56th~~ ~~57th~~ ~~58th~~ ~~59th~~ ~~60th~~ ~~61st~~ ~~62nd~~ ~~63rd~~ ~~64th~~ ~~65th~~ ~~66th~~ ~~67th~~ ~~68th~~ ~~69th~~ ~~70th~~ ~~71st~~ ~~72nd~~ ~~73rd~~ ~~74th~~ ~~75th~~ ~~76th~~ ~~77th~~ ~~78th~~ ~~79th~~ ~~80th~~ ~~81st~~ ~~82nd~~ ~~83rd~~ ~~84th~~ ~~85th~~ ~~86th~~ ~~87th~~ ~~88th~~ ~~89th~~ ~~90th~~ ~~91st~~ ~~92nd~~ ~~93rd~~ ~~94th~~ ~~95th~~ ~~96th~~ ~~97th~~ ~~98th~~ ~~99th~~ ~~100th~~ ~~101st~~ ~~102nd~~ ~~103rd~~ ~~104th~~ ~~105th~~ ~~106th~~ ~~107th~~ ~~108th~~ ~~109th~~ ~~110th~~ ~~111th~~ ~~112th~~ ~~113th~~ ~~114th~~ ~~115th~~ ~~116th~~ ~~117th~~ ~~118th~~ ~~119th~~ ~~120th~~ ~~121st~~ ~~122nd~~ ~~123rd~~ ~~124th~~ ~~125th~~ ~~126th~~ ~~127th~~ ~~128th~~ ~~129th~~ ~~130th~~ ~~131st~~ ~~132nd~~ ~~133rd~~ ~~134th~~ ~~135th~~ ~~136th~~ ~~137th~~ ~~138th~~ ~~139th~~ ~~140th~~ ~~141st~~ ~~142nd~~ ~~143rd~~ ~~144th~~ ~~145th~~ ~~146th~~ ~~147th~~ ~~148th~~ ~~149th~~ ~~150th~~ ~~151st~~ ~~152nd~~ ~~153rd~~ ~~154th~~ ~~155th~~ ~~156th~~ ~~157th~~ ~~158th~~ ~~159th~~ ~~160th~~ ~~161st~~ ~~162nd~~ ~~163rd~~ ~~164th~~ ~~165th~~ ~~166th~~ ~~167th~~ ~~168th~~ ~~169th~~ ~~170th~~ ~~171st~~ ~~172nd~~ ~~173rd~~ ~~174th~~ ~~175th~~ ~~176th~~ ~~177th~~ ~~178th~~ ~~179th~~ ~~180th~~ ~~181st~~ ~~182nd~~ ~~183rd~~ ~~184th~~ ~~185th~~ ~~186th~~ ~~187th~~ ~~188th~~ ~~189th~~ ~~190th~~ ~~191st~~ ~~192nd~~ ~~193rd~~ ~~194th~~ ~~195th~~ ~~196th~~ ~~197th~~ ~~198th~~ ~~199th~~ ~~200th~~ ~~201st~~ ~~202nd~~ ~~203rd~~ ~~204th~~ ~~205th~~ ~~206th~~ ~~207th~~ ~~208th~~ ~~209th~~ ~~210th~~ ~~211st~~ ~~212nd~~ ~~213rd~~ ~~214th~~ ~~215th~~ ~~216th~~ ~~217th~~ ~~218th~~ ~~219th~~ ~~220th~~ ~~221st~~ ~~222nd~~ ~~223rd~~ ~~224th~~ ~~225th~~ ~~226th~~ ~~227th~~ ~~228th~~ ~~229th~~ ~~230th~~ ~~231st~~ ~~232nd~~ ~~233rd~~ ~~234th~~ ~~235th~~ ~~236th~~ ~~237th~~ ~~238th~~ ~~239th~~ ~~240th~~ ~~241st~~ ~~242nd~~ ~~243rd~~ ~~244th~~ ~~245th~~ ~~246th~~ ~~247th~~ ~~248th~~ ~~249th~~ ~~250th~~ ~~251st~~ ~~252nd~~ ~~253rd~~ ~~254th~~ ~~255th~~ ~~256th~~ ~~257th~~ ~~258th~~ ~~259th~~ ~~260th~~ ~~261st~~ ~~262nd~~ ~~263rd~~ ~~264th~~ ~~265th~~ ~~266th~~ ~~267th~~ ~~268th~~ ~~269th~~ ~~270th~~ ~~271st~~ ~~272nd~~ ~~273rd~~ ~~274th~~ ~~275th~~ ~~276th~~ ~~277th~~ ~~278th~~ ~~279th~~ ~~280th~~ ~~281st~~ ~~282nd~~ ~~283rd~~ ~~284th~~ ~~285th~~ ~~286th~~ ~~287th~~ ~~288th~~ ~~289th~~ ~~290th~~ ~~291st~~ ~~292nd~~ ~~293rd~~ ~~294th~~ ~~295th~~ ~~296th~~ ~~297th~~ ~~298th~~ ~~299th~~ ~~300th~~ ~~301st~~ ~~302nd~~ ~~303rd~~ ~~304th~~ ~~305th~~ ~~306th~~ ~~307th~~ ~~308th~~ ~~309th~~ ~~310th~~ ~~311st~~ ~~312nd~~ ~~313rd~~ ~~314th~~ ~~315th~~ ~~316th~~ ~~317th~~ ~~318th~~ ~~319th~~ ~~320th~~ ~~321st~~ ~~322nd~~ ~~323rd~~ ~~324th~~ ~~325th~~ ~~326th~~ ~~327th~~ ~~328th~~ ~~329th~~ ~~330th~~ ~~331st~~ ~~332nd~~ ~~333rd~~ ~~334th~~ ~~335th~~ ~~336th~~ ~~337th~~ ~~338th~~ ~~339th~~ ~~340th~~ ~~341st~~ ~~342nd~~ ~~343rd~~ ~~344th~~ ~~345th~~ ~~346th~~ ~~347th~~ ~~348th~~ ~~349th~~ ~~350th~~ ~~351st~~ ~~352nd~~ ~~353rd~~ ~~354th~~ ~~355th~~ ~~356th~~ ~~357th~~ ~~358th~~ ~~359th~~ ~~360th~~ ~~361st~~ ~~362nd~~ ~~363rd~~ ~~364th~~ ~~365th~~ ~~366th~~ ~~367th~~ ~~368th~~ ~~369th~~ ~~370th~~ ~~371st~~ ~~372nd~~ ~~373rd~~ ~~374th~~ ~~375th~~ ~~376th~~ ~~377th~~ ~~378th~~ ~~379th~~ ~~380th~~ ~~381st~~ ~~382nd~~ ~~383rd~~ ~~384th~~ ~~385th~~ ~~386th~~ ~~387th~~ ~~388th~~ ~~389th~~ ~~390th~~ ~~391st~~ ~~392nd~~ ~~393rd~~ ~~394th~~ ~~395th~~ ~~396th~~ ~~397th~~ ~~398th~~ ~~399th~~ ~~400th~~ ~~401st~~ ~~402nd~~ ~~403rd~~ ~~404th~~ ~~405th~~ ~~406th~~ ~~407th~~ ~~408th~~ ~~409th~~ ~~410th~~ ~~411st~~ ~~412nd~~ ~~413rd~~ ~~414th~~ ~~415th~~ ~~416th~~ ~~417th~~ ~~418th~~ ~~419th~~ ~~42~~

- 70 Curaras  
 - 100 Cabellos Negro  
 Jan - 100 Negro  
 100 away.  
 Miguel  
 Capucini  
 100

*Cynocera*  
*Nyctea*  
*Nyctea* . . . . .  
*Nyctea* . . . . .  
*Falco* . . . . .  
*Falco* . . . . .

[illegible]

78 79  
75 7

 Amazone de l'Est à  
— — — — —  
— — — — —  
— — — — —

[illegible]

2. 2. 1.

122

1. 2. 3.

49

12. 2. 1

202



R

*Cast. Tinct.*

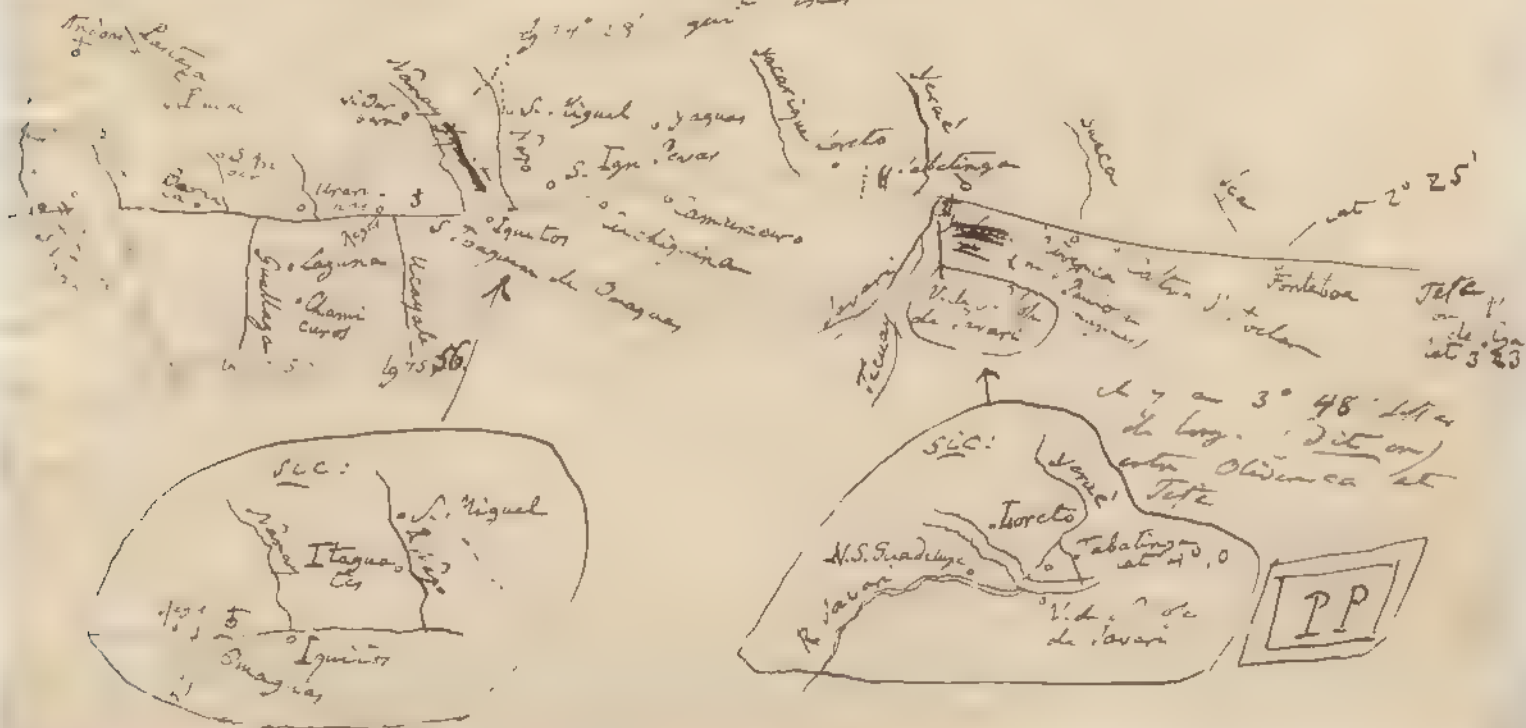
1. 10<sup>a</sup> de Oas  
 2. Curaras  
 3. 10<sup>a</sup> de Camelos  
 4. 10<sup>a</sup> de 10<sup>a</sup> 10<sup>a</sup> 10<sup>a</sup>  
 5. 10<sup>a</sup> 10<sup>a</sup> 10<sup>a</sup>  
 6. 10<sup>a</sup> 10<sup>a</sup> 10<sup>a</sup>  
 7. 10<sup>a</sup> 10<sup>a</sup> 10<sup>a</sup>  
 8. 10<sup>a</sup> 10<sup>a</sup> 10<sup>a</sup>  
 9. 10<sup>a</sup> 10<sup>a</sup> 10<sup>a</sup>  
 10. 10<sup>a</sup> 10<sup>a</sup> 10<sup>a</sup>

capucine  
Nigella  
Nigella  
les autres village  
Fauter puis se dans  
à l'ombrage

~~we~~ ~~the~~ ~~ago~~ ~~Vigitor~~ ~~the~~ ~~Manay~~ ~~I am~~  
~~Dio Itz~~ ~~the~~ ~~Manay~~ ~~the~~ ~~Manay~~ ~~the~~ ~~Manay~~  
Dio Tige - entouche v. Regis  
Chambira

Amazone de l'Est à  
la région des Corvées

No. 1 Chambira village  
 " Chambira village







+ replace 1/2 mg. each  
 " 1/2 mg. each 288  
 " 1/2 mg. each 288  
 (Kollster)  
 1864  
 2nd. in 1/2 mg. each  
 1864 1777

*[Faint handwritten notes, possibly bleed-through from the reverse side.]*

[illegible]

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Vol. 255  
2<sup>a</sup> 3<sup>a</sup> Miguel y Maria  
" 1<sup>a</sup> Francisco Fernandez  
Dec 1807.

d'après cette carte  
de l'église de St. Jean  
le "Père" d'aujourd'hui  
d'après l'acte de 1792  
tout le lieu et pour  
celui de "St. Jean"  
comme je l'ai vu  
à l'est p. 83 (dit)

11 Sept 1777  
 Port-au-Prince  
 Espagne

Int. 1. *Polyp* Int. 2  
- *Phala* *larva*  
*Polyp*

1000



in 1700 1/2000 - Cap. 2) Main Varnaci  
 The well main well in the middle  
 1st stage

96 hours in 1st part  
 Pressure 73° 8' Cui

& High Comp. 9° 4' 30" > 73° 17' 32' C.

Infilled 2. S.

Large 2. Stage 1 9° 19' 20" by  
 1st part

Pressure 73° 0' 30" Stage 73° 41' 0"

Nov 1825 8 27 45  
 81° 27' 48"

1. - 1000 ft. x 1800 ft.

341

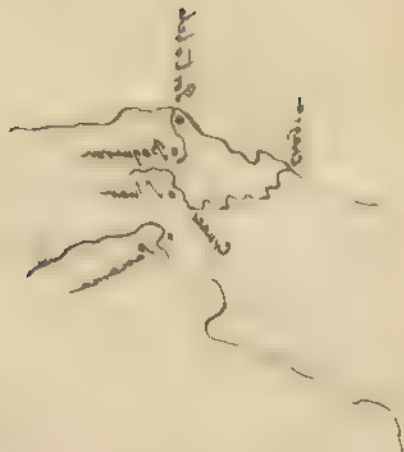
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giallo an.



July 1881



277

Panama

Nov 1825

81

*Dezember*

*Diogenes*

Com. 74. E. 822  
47' 30'

73 12  
8 37

81 79. Jan.

Von 2. 2. am 1. 1. 1. 1.

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*[Faint handwritten notes at the bottom of the page, possibly indicating a date or location.]*

31. 07 1944  
 Le Capitaine  
 pour avoir par la guerre  
 le Capitaine Choco pour le (est)  
 une vendant la guerre  
 à l'ouest. Je ne puis  
 aller en guerre.

De Quay agut  
P. Nazen

May 1891  
 Port Moresby  
 Sir John

Cali - gen - ...

81837

[illegible]

largest 81° 49' 0" latitude 21° 00' 0" longitude

*[Faint handwritten notes at the bottom of the page]*

given under power of attorney  
 and the same was  
 1817

16 *card. callosa* *card. callosa* 18' 1/2 *Card. callosa*  
*card. callosa* *card. callosa* 15' 1/2 *Card. callosa*  
*card. callosa* *card. callosa* 15' 1/2 *Card. callosa*

$77^{\circ} 50' 30''$   $83^{\circ} 31' 10''$   
 77° 50' 30" 83° 31' 10"

... ..  
... ..  
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Note pour M. de Humboldt

378

La longitude de Cayenne portée sur la Plan  
Enfant de Cayenne qui vient de publier  
Sévit générale de la Mairies et celle  
d'Ames - Gamla agenssance des  
tours ( $54^{\circ} 35' - 0''$ ).

L'ingénieur G. Lacroix qui vient  
de Cayenne. Il a la même mesure de tours  
de 1825 la première partie du résumé des  
observations hydrographiques faites sur les  
côtes du Brésil en 1819 et 1820, l'on le  
trouve dans M. Roussin, trouve la  
longitude de Cayenne de  $54^{\circ} 8' 45''$  -  
la déduisant de celle du Pain de sucre de  
Rio Janeiro (celle du Pain de sucre étant de  
 $45^{\circ} 34' 45''$ ) et de  $54^{\circ} 35' - 13''$ .

51 51 45  
35 45  
- 76 45  
54 38

l'épuisant de celle assignée au fort  
de l'entrée de la havane par M.  
Erre.





[illegible]

Insert above

444

~~offered as~~ ~~Antennae~~ ~~Antennae~~ ~~Antennae~~ ~~Antennae~~

Antennae 74° 11' 9" S. Ant.

Klar 74° 11' 40" S. Ant.

what 2. Hall

on Veljaraif 73° 51' 5" S.

Liff 0° 20' 34" S.

Elevation of L<sub>1</sub> 28.146  
 true time Lat. 74° 0' 37"

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collect at a future computer  
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given from Value 71 30 0 57  
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C. l. in V. 5° 31' 12"  
 C. l. in V. 5° 31' 12"  
 C. l. in V. 5° 31' 12"

Exp 72: La Chapelle on 5. June 1870 0.16 30  
16 La Chapelle on 6. June 1870 5.43 8

Felt here  
 over myopia  
 Hall 79° 25' 34"

1. *Callow* 179° 38' 18" *Par* *Furn* *Yell.*  
 2. *Callow* 179° 38' 18" *Par* *Furn* *Yell.*

oder  $41^{\circ} 51' 25''$ , wenn wir annehmen  $21,0$  in Folge der  
 $44^{\circ} 11' 9''$  addieren, als auch so wird das obere der stationären  
 westliche Länge sein. (Nach Landes  $41^{\circ} 30' 50'', 5$ , also  
 $20' 24,5$  weniger)  
 Königlich preussisches Geodätisches Bureau Memoire-F. n. 43-46  
 Cotes  $5026' 30''$  aufsteigend zur Höhe  $= 49^{\circ} 38' 18''$   
 Höhe  $18' 39,4$  von Paris. Die mittlere Differenz von der  
 Höhe  $10000$  geht  $4' 18' 18,0 = 3' 28''$  in der Höhe  
 Höhe  $49^{\circ} 25' 29'' = 54' 47,4$ , von  
 Paris. Merkwürdig ist nur aber, dass auch in der Höhe  
 nicht, daher  $4' 56' 29,4$ , nach  $4' 56' 33''$  aus dem  
 Beobachtungs der Observatorien vom 11 März 1799 gefunden, setzen  
 der Beobachtung der Höhen und der d. d. Höhe nach der  
 Beobachtung und der - höchsten Höhe beobachtet worden sein,  
 und das ist wiederum harmonisch, geben die Höhe  $4' 56' 29,4$ ,  
 die Höhe  $4' 56' 30,4$  der Cotes von der sie sich geben  
 Höhen (  $4' 56' 33,4$  und  $4' 56' 27,6$  ) der Mittel nehmen.

46 56 30  
 44 7 30

hier folgt:

Vom der Differenz	$\left. \begin{array}{l} \text{Breite} \\ \text{Parallaxe} \\ \text{Höhe} \end{array} \right\} \begin{array}{l} \text{um } 1'' \\ \text{größer wird} \end{array}$	sonst sich die Höhe $- 3,2''$
		um $+ 3,58''$
		um $+ 2,5''$
		um $- 2,0''$
		in Zeit













à gaudr.

# Options du Cpt Hall.

La long que Hall donne au  
Callao  $79^{\circ} 26' 34''$  n'arrive pas  
proprement de gros erreurs dans  
calculs d'occultations. Le même  
calcul par le Dr. Naga  
détaille la l'occultation d'Etat  
en observant l'angle de l'angle  
de l'observateur avec le Callao  
et de l'angle que Hall ne voit  
pas dans les calculs généraux  
lignes de l'angle de  $20' 34''$   
etc. l'occultation d'Etat  
après les nouvelles l'angle, l'angle  
donne Valparaiso  $74^{\circ} 6' 40''$   
et non comme l'angle d'Etat

Hall place le chronomètre  
Callao  $5^{\circ} 31' 12''$  à l'ouest  
de Valparaiso. Valparaiso et  
Espinoza l'angle  $5^{\circ} 26' 38''$   
Callao.  
Donc par Valparaiso  $74^{\circ} 11' 40''$   
—  $5^{\circ} 26' 38''$   
—  $78^{\circ} 18''$

l'angle d'Etat  
Donne  $71^{\circ} 30'$   
Car 24 l'angle  $1827, 258$   
Garry le 400  
que  
Callao  
occulte  
l'angle  
 $79-30$   
 $75 34$

Callao  $79^{\circ}$  l'angle  
et non comme l'angle d'Etat  
 $79^{\circ} 26' 34''$  l'angle d'Etat  
Donne  $79^{\circ} 34' 30''$

l'angle par le l'angle de Callao  
et distance l'angle chronométrique  
par Hall  $72^{\circ} 45'$   
l'angle par Valparaiso  $72^{\circ} 53'$   
Hall l'angle par l'angle  $72^{\circ} 33'$



Wien den 3 Januar 1845  
Mokrenstraße Nr. 30

Verehrte! würdige!

Vie soll und kann ich Ihnen herzlich grüß danken  
für die mir, unter zugehörigen Aufschlüssen, sorgfalt  
willkommenen Bäume, welche Sie mir stiel & Fried.  
Lindner geben und selber selber und von der Sie  
es sagen wollen, daß ich Sie als ein gastlich  
Herr, mit anerkennen, freundlich anerkennen soll.

Ja, mein verehrter alter Freund! ich erkenne es denn  
als ein Vergnügen, denn ich darf es von Ihnen  
selbst aber dankend, und allem Aufschlüssen gewiss,  
denn bei der Augenblick, <sup>noch</sup> ist sind wir ganz an uns  
.. Kristallkugeln noch gefalt anhängend worden, was  
(ich sage es mir) in so großem Maße Langsam nur  
guten kann. Ich bin, stiel Ihre Güte, zu danken, um  
mich noch freizugehen in Wien, als daß ich diesen  
Künste freigegeben Vorf selber, als einen Götter.  
sich zu finden, mein Dankbarkeit, unter allen  
Aufschlüssen als haben werden. Sie haben zu können  
und zwar in der Maße ein mein Pflicht und Ihre  
Freundschaft zu erkennen. —

[illegible]





1. ~~Wiederholung~~ mit Additionen f. d. Drogen /

2. 26. Januar. Der 4. Hell macht Quayszeit  $74^{\circ} 39' 46'' + 2^{\circ} 20' 15'' = 82^{\circ} 0' 1''$

Santa Clara.  $80^{\circ} 14' 33'' + 20^{\circ} 20' 15'' = \dots = 82^{\circ} 34' 48''$

Top. Drogen. Quayszeit  $73^{\circ} 32' 20'' + 8^{\circ} 37' 0'' = 82^{\circ} 9' 20''$

Santa Clara  $74^{\circ} 4' 30'' + 8^{\circ} 37' 0''$  (S. H. 54/13)  $= 82^{\circ} 41' 50''$

10. Die Kalksteinsteine waren auf dem 7. 9. Morgen mit den Ziegeln

ist Mangel an Ziegeln in der südwestlichen Richtung. Die Ziegeln sind nicht so wenig aber der Verlust von guten Kalksteinen sehr zu bedauern. Man

muss sich bemerken, dass die Kalksteinen so, wie man sie findet, in

Teile, die Kalksteinen in der Richtung sind zu Ziegeln umgewandelt, welche keine

größere Genauigkeit geben, als die Kalksteinen selbst. Es ist

eben, das man, wenn man die Kalksteinen in der Richtung sieht, nicht

man ganz richtig, nicht, man muss sich die Kalksteinen sehr genau

sein, und diese sind mit den Kalksteinen, kann man ganz genau

Kalksteinen in der Richtung sind die Kalksteinen in der Richtung

ändern. Hall sagt Strapades  $102^{\circ} 13' 47''$ . Top. macht

die Länge (dem 2. p. 74)  $102^{\circ} 25' 22''$ , p. 756  $102^{\circ} 20' 0''$ ,  
wie:  $102^{\circ} 9' 33''$  (aus Malaspina's in Spanien Kalksteinen)  
die Kalksteinen haben.  $102^{\circ} 14' 37''$ , weniger aber in der  
Richtung 5. Morgen mit den Ziegeln. Hall's Kalksteinen sind  
eben, Punkt auf, nur Ziegeln sehr, weil sie die Richtung  
des (Quayszeit) nicht richtig ist.  
Die Ziegeln sind in der Richtung Kalksteinen in der Richtung  
mengen nicht so wenig aber der Verlust von guten Kalksteinen  
und ist nicht anders, aber man muss sich die Kalksteinen sehr genau  
Die Ziegeln sind in der Richtung Kalksteinen in der Richtung



mei. Die wiffen.

Neuzeit meiner freyheit und ewiger Dank  
womit ich zuletzt bleibe

Die  
Freue von Ligen  
F. Oltmann

Paris le 19 avril 1824

386

79 17  
78 22  
77 42

Monsieur le Baron

J'ai l'honneur de vous faire remettre le portefeuille contenant  
les matériaux que vous avez eu l'extrême bonne plaisir de  
m'envoyer à l'exception cependant des itinéraires que j'ai pu  
traduire et que j'espère pouvoir vous rapporter d'ici à peu de  
jours. Je joins à ces matériaux le plan du haut marais  
pour l'achèvement duquel j'attendrai vos ordres.  
M<sup>r</sup> de Nozet que j'ai vu ce matin ne m'a aucune  
connaissance de l'ac de Maracaibo les nouvelles cartes  
signifient qu'il n'y a rien de tout cela et que l'autre et si  
vous n'êtes pas sûr de me procurer celui dont vous vous êtes  
servi ainsi que l'ac de l'évêque pour une bonne copie  
vous me feriez grand plaisir.

Voici la nouvelle détermination du fort S. Antoine de l'ac au  
Nord Ouest de Maracaibo que M<sup>r</sup> de Ligny veut de sa mesure  
46° 37' 11" 2° 29' 2" et qui est le résultat de toutes ses observations  
la différence n'est que d'une minute cinq secondes avec celle que vous  
avez adoptée.

Désirez vous demander s'il y a quelque chose à prévoir  
dans le voyage de l'Albion dans la Colombie et dans celui  
de haut de Chili vers le

vous voyez l'Albion et l'Albion que je pars plus qu'un

De votre complaisance j'en abuse, mais vous êtes sûr de  
que vous daignerez m'excuser en faveur du motif.

J'ai l'honneur d'être avec respect  
Votre dévoué serviteur

Rapce

P<sup>er</sup> j'oublie de vous prier d'envoyer l'écriture toute de  
me renvoyer la petite étude du Rio Negro que j'ai eu  
l'honneur de vous confier.

permettez que je rappelle à votre souvenir les nouvelles  
que vous avez bien voulu me faire en disant que  
vous acceptiez l'annuaire des sciences de la mer l'œuvre  
très utile et je m'empresse de les placer dès que  
votre importante occupation vous en aura permis  
de les faire copier.

4th.

13 Taller

was circled

Latigua

25 1251

2. 2 = 255 x 228





1704. de l'Académie et de la  
Haut. Laagnon

• Kay as A

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References

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W. Longmire

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B. Beni Ucarali

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